**SUNRISE EVALUATION EXAM F3**

Name: …………………………………….. Adm No……….. Class…………………

Candidate Signature: …………………… Date: ……………………Class………………..

GEOGRAPHY EXAM

FORM 3

Time 2 hours 45 min.

**Instructions to Candidates**

* Answer all questions in section A.
* In section B, Answer question 6 and any other two questions from the remaining questions.
* Answer all questions in the spaces provided.
* Candidate should check that all pages are printed and no questions are missing.

**For Examination use only.**

|  |  |  |
| --- | --- | --- |
| Maximum Score | Candidate Score | |
| Section A. | 25 | |  |
| Question 6 | 25 | |  |
| Question 7 | 25 | |  |
| Question 8 | 25 | |  |
| Question 9 | 25 | |  |
| Question 10 | 25 | |  |
| TOTAL | 100% | |  |

**SECTION A:**

**ANSWER ALL THE QUESTIONS IN THIS SECTION:**

1. a. Define the term Geography? (2 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

b. Outline four importance of Geography in the learning process. (4 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

1. a. What is the longitude of a place M whose local time is 11.00 am. If the local time at

longitude 30oE is 2.00 pm. (3 mks)

b. State the effect of the International Date Line. (1 mk)

…………………………………………………………………………………………………………………………………………………………………………………………………………………….

1. a. State two effects of earths rotation. (2 mks)

……………………………………………………………………………………………………………………………………………………………………………………………………………………

…………………………………………………………………………………………………………

…………………………………………………………………………………………………………

b. Outline Three causes of earth movements. (3 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

1. a. Give three examples of rapid mass movements. (3 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

……………………………………………………………………………………………………….

b. Name three fold mountains of Alphine Orogeny. (3 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

1. Name ;

i. Two Intrusive landforms (2 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

ii. Two Extrusive landforms (2 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

**SECTION B:**

**INSTRUCTIONS:**

**QUESTION 6 IS COMPULSORY AND ANY OTHER TWO:**

1. The table below shows temperature and rainfall date of station X.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Month | J | F | M | A | M | J | J | A | S | O | N | D |
| Temp. oC | 12 | 13 | 14 | 17 | 19 | 22 | 24 | 26 | 24 | 20 | 16 | 13 |
| Rainfall in (mm) | 112 | 84 | 74 | 41 | 46 | 15 | 10 | 5 | 41 | 79 | 130 | 137 |

Use the data to calculate

a.(i)The mean monthly temperature. (3 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

(ii)The mean monthly Rainfall. (3 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

(iii) The median rainfall. (2 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

(iv)The temperature and rainfall range. (4 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

……………………………………………………………………………………………………………………………………………………………………………………………………………………

(b) Use the rainfall data to draw a simple line graph. ( 7 mks)

(c) State 3 advantages of using a simple line graph. (3 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

………………………………………………………………………………………………………….

(d) Outline clearly 3 disadvantages of using this technique. (3 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

…………………………………………………………………………………………………………

1. a. i. Define the term forest. (2 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

ii. Explain five uses of forests and forest products in Kenya. (10 mks)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

b. i. Outline any 4 problems facing forestry in Kenya. (4 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

……………………………………………………………………………………………………………………………………………………………………………………………………………………

ii. Highlight five forest conservation measures commonly used in Kenya. (5 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

c. Compare and contrast softwood forestry in Canada and Kenya. (4 mks)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

……………………………………………………………………………………………………….

1. a. i. Define the term mining. (2 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

ii. State three ways in which minerals occur. (3 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

…………………………………………………………………………………………………………

b. i. State and explain 4 factors that influence the occurrence and exploitation of minerals.

(8 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

……………………………………………………………………………………………………………………………………………………………………………………………………………………

ii. Explain any two methods employed in underground mining. (4 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

c. i. State 4 effects of mining in the environment. (4 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

……………………………………………………………………………………………………………………………………………………………………………………………………………………

ii. Highlight 4 problems facing mining in Kenya. (4 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

1. a. Name three types of physical weathering. (3 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

…………………………………………………………………………………………………………

b. i. Give three factors that influence the rate of weathering. (3 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

…………………………………………………………………………………………………………

ii. Describe two causes of biological weathering. (6 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

…………………………………………………………………………………………………………

c. i. Give five types of chemical weathering. (5 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

…………………………………………………………………………………………………………

……………………………………………………………………………………………………………………………………………………………………………………………………………………

ii. Explain four significances of weathering to human activities. (8 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

…………………………………………………………………………………………………………

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

…………………………………………………………………………………………………………

1. a. Define the term vegetation. (2 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

b. i. State and explain four factors which influences the distribution of vegetation. (8 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

…………………………………………………………………………………………………………

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

…………………………………………………………………………………………………………

ii. Explain clearly four uses of vegetation. (8 mks)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

…………………………………………………………………………………………………………

…………………………………………………………………………………………………………

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

c. i. Give three characteristics of Savanna Grasslands. (3 mks)

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

…………………………………………………………………………………………………………

ii. Fill in the blank spaces. (4 mks)

**Temperature grassland** **Where its found**

Prairies -………………………………………………

Steppes -………………………………………………

Pampas -………………………………………………

Veld -………………………………………………